

AMENDMENT TO THE CLAIMS

In the Claims:

Please amend Claim 1 as indicated herein.

1. (Currently amended) A fiber product comprising:

(a) an acid treated seed based fiber material, acid treated to reduce lignin content of the seed based fiber, having:

(i) a total cellulose character of at least 50% and a total hemicellulose character of at least 5%.

2. (Original) A fiber product according to Claim 1 wherein:

(a) the acid treated seed based fiber material has a ratio of cellulose character to hemicellulose character of at least 2:1.

3. (Original) A fiber product according to Claim 2 wherein:

(a) the acid treated seed based fiber material comprises acid treated corn fiber; and,

(b) the acid treated corn fiber has a total cellulose character of at least 60%.

4. (Original) A fiber product according to Claim 3 wherein:

(a) the acid treated corn fiber material has a total hemicellulose character of at least 5%; and,

(b) the acid treated corn fiber material has a ratio of cellulose character to hemicellulose character of at least 5:1.

5. (Original) A fiber product according to Claim 2 wherein:

(a) the acid treated seed based fiber material comprises acid treated soy fiber; and,

(b) the acid treated soy fiber has a total cellulose character of at least 50%.

6. (Original) A fiber product according to Claim 5 wherein:
 - (a) the acid treated soy fiber material has a ratio of cellulose character to hemicellulose character of at least 2:1.
7. (Original) A fiber product according to Claim 2 wherein:
 - (a) the acid treated seed based fiber material comprises acid treated oat fiber; and,
 - (b) the acid treated oat fiber has a total cellulose character of at least 60%.
8. (Original) A fiber product according to Claim 7 wherein:
 - (a) the acid treated oat fiber has a total hemicellulose character of at least 5%; and,
 - (b) the acid treated oat fiber has a ratio of cellulose character to hemicellulose character of at least 4:1.
9. (Original) A fiber product according to Claim 1 wherein:
 - (a) the acid treated seed based fiber material comprises acid treated material selected from the group consisting essentially of: acid treated corn fiber; acid treated oat fiber; acid treated soy fiber; and, mixture thereof.
10. (Original) A fiber product according to Claim 1 wherein:
 - (a) said acid treated seed based fiber material comprises fiber material resulting from a process including steps of:
 - (i) washing seed based fiber with a dilute acid solution, including at least about 0.1 % acid by dry weight of the seed based fiber;
 - (ii) treating the material resulting from step 10(a)(i) with acid chlorite; and,
 - (iii) treating the material resulting from step 10(a)(ii) with peroxide.
11. (Cancelled)
12. (Withdrawn) A paper product including
 - (a) 0.1 to 10% of acid treated seed based fiber material, based on a remainder of fiber content in a papermaking composition from which the paper is formed.

13. (Withdrawn) A paper product comprising:
 - (a) pulp fibers; and,
 - (b) an acid treated based fiber material.
14. (Withdrawn) A paper product according to claim 13 wherein:
 - (a) the acid treated seed based fiber material has a total cellulose character within the range of 50-85%.
15. (Withdrawn) A paper product comprising:
 - (a) paper fibers at least partially coated with a modified seed based fiber material with the seed based fiber material oriented along the paper fibers; the seed based fiber material being a modified feed based fiber material having a total cellulose character of at least 50%.
16. (Withdrawn) A paper product according to claim 15 wherein:
 - (a) the modified seed based fiber material is selected from the group consisting essentially of: modified corn fiber; modified oat fiber; modified soy fiber; and, mixtures thereof.
17. (Withdrawn) A food product comprising:
 - (a) flour; and,
 - (b) at least 0.5% of an acid treated seed based fiber material, by wt. of flour present in a mix from which the food product is formed.
18. (Withdrawn) A food product according to claim 17 comprising:
 - (a) at least 3% of the acid treated seed based fiber material, by wt. of flour present in a mix from which the food product is formed.
19. (Withdrawn) A food composition comprising:
 - (a) at least 0.5% by wt., on the basis of total ingredients, unprocessed, of acid treated seed based fiber material having a total cellulose character of at least 50%.
20. (Withdrawn) A food composition comprising:
 - (a) at least 0.5% by wt., on the basis of total ingredients, unprocessed, of acid treated seed based fiber material having a total cellulose character of at least 50%.